(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 8 January 2004 (08.01.2004)

PCT

(10) International Publication Number WO 2004/002724 A1

(51) International Patent Classification⁷: B32B 15/00, 15/18

B29D 22/00,

(74) Agent: KING, Timothy, J.; P.O. Box 3424, Fayville, MA 01745 (US).

(21) International Application Number:

PCT/US2002/020889

009

(22) International Filing Date:

1 July 2002 (01.07.2002)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/301,937

29 June 2002 (29.06.2002)

(71) Applicant and

(72) Inventor: RAOS, Davor, Jack [US/US]; 2151 Riviera Drive, Vista, CA 92084 (US).

(81) Designated States (national): BR, CN, JP, KR, US.

(84) Designated States (regional): Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SKINNED STRUCTURES OF AIR HARDENABLE OR LIQUID QUENCH HARDENABLE STEEL PLATE AND METHODS OF CONSTRUCTING THEREOF.

(57) Abstract: The present invention provides skinned structures of air or liquid quench hardenable steel plates or sheets, and methods of constructing such structures. The present invention also provides hardened skinned structures made from a plurality of air or liquid quench hardenable steel plates or sheets that are made by such methods.